

FAA BULK LEAD ANALYSIS
(24 Hour Turn Around)

CALL NUMBER: LS95

<u>SAMPLE:</u>	<u>LOCATION:</u>	<u>MATERIAL:</u>
121008.417.01-L	Exterior	Beige paint on stucco walls
121008.417.02-L	Interior	Beige paint on drywall walls
121008.417.03-L	Exterior	Beige paint on wood window

Sampler's Signature: Beth Jones

Asbestos Analysis (PLM) Price Quote: \$12.00 / 24 Hour Turnaround

Lead Analysis (FAA) Price Quote: \$16.00/24 Hour Turnaround

Total Asbestos Analysis Cost: \$12.00 x 31 Samples = \$372.00

Total Lead Analysis Cost: \$16.00 x 3 Sample = \$48.00

Total Analysis Cost: \$372.00 + \$48.00 = \$420.00

When results are available, please contact Beth Jones at **(310) 653-5496** or fax results to **(310) 653-5502**.

Relinquished By: <u>Beth Jones</u>	Date: <u>1/14/2009</u>	Time: <u>16:30</u>
Received By: <u>[Signature]</u>	Date: <u>1/15/08</u>	Time: <u>10:30 AM</u>
Relinquished By: _____	Date: _____	Time: _____
Received By: _____	Date: _____	Time: _____



Bulk Asbestos Analysis

(EPA Method 600/R-93-116, Visual Area Estimation)

LAAFB - 61 CELS/CELEV
Beth Jones
438 N. Aviation
Suite B272, 3rd Floor
El Segundo, CA 90245-4659

Client ID: 6896
Report Number: B120531
Date Received: 01/15/09
Date Analyzed: 01/16/09
Date Printed: 01/16/09
First Reported: 01/16/09

Job ID/Site: AS94

Date(s) Collected: 01/14/2009

FASID Job ID: 6896

Total Samples Submitted: 32

Total Samples Analyzed: 25

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
121008.417.01	10832611						
Layer: White Non-Fibrous Material			ND				
Layer: Yellow Mastic			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
121008.417.02	10832612						
Layer: Off-White Cementitious Material		Chrysotile	Trace				
Layer: Green Cementitious Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (Trace)					
Cellulose (Trace)							
121008.417.03	10832613						
Comment: Sample not analyzed due to prior positive result in series.							
121008.417.04	10832614						
Comment: Sample not analyzed due to prior positive result in series.							
121008.417.05	10832615						
Layer: White Drywall			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (20 %)							
121008.417.06	10832616						
Layer: White Drywall			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (20 %)							
121008.417.07	10832617						
Layer: White Drywall			ND				
Layer: Off-White Skimcoat/Joint Compound			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (20 %)							

See attached point
counting results (0.08% CH)

Client Name: LAAFB - 61 CELS/CELEV

Report Number: B120531

Date Printed: 01/16/09

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
121008.417.08	10832618						
Layer: Light Grey Sheet Flooring			ND				
Layer: Fibrous Backing			ND				
Layer: Yellow Mastic			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (20 %) Fibrous Glass (5 %) Synthetic (10 %)							
121008.417.09	10832619						
Layer: Light Grey Sheet Flooring			ND				
Layer: Fibrous Backing			ND				
Layer: Yellow Mastic			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (20 %) Fibrous Glass (5 %) Synthetic (10 %)							
121008.417.10	10832620						
Layer: Light Grey Sheet Flooring			ND				
Layer: Fibrous Backing			ND				
Layer: Yellow Mastic			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (20 %) Fibrous Glass (5 %) Synthetic (10 %)							
011409.33.01	10832621						
Layer: Grey Sheet Flooring			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
011409.33.02	10832622						
Layer: Grey Sheet Flooring			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
011409.33.03	10832623						
Layer: Grey Sheet Flooring			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
011409.33.04	10832624						
Layer: Grey Sheet Flooring			ND				
Layer: Fibrous Backing			ND				
Layer: Yellow Mastic			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (20 %) Fibrous Glass (5 %) Synthetic (10 %)							
011409.33.05	10832625						
Layer: Grey Cementitious Material			ND				
Layer: Black Tar			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							



Bulk Asbestos Material Analysis

(EPA Method 600/R-93/116, Point Count Analysis)

LAAFB - 61 CELS/CELEV
Beth Jones
438 N. Aviation
Suite B272, 3rd Floor
El Segundo, CA 90245-4659

Client ID: 6896
Report Number: N001247
Date Received: 01/15/09
Date Analyzed: 01/23/09
Date Printed: 01/23/09

Job ID/Site: AS94

FASI Job ID: 6896

Sample Preparation and Analysis:

Each sample was prepared using the gravimetric technique. A representative subsample was weighed, ashed for eight hours, and reweighed to determine the proportion of the organic component. The ashed residue was ground in concentrated hydrochloric acid, dried and reweighed to determine the acid-soluble component weight percentage. The residual material was analyzed for asbestos using polarized light microscopy. Asbestos quantitation was performed using the semi-quantitative Point Count method following the general guidelines in EPA Method 600/R-93/116. The analytical sensitivity for the method is calculated as the asbestos concentration that results from one point counted in the analysis adjusted using the residual weight of the sample. The limit of detection for this method has not been determined.

Sample ID	Lab Number	Sample Description
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121008.417.02	10832612	Off-White Cementitious Material
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Point Count Results:

Number of asbestos points counted: 1
Number of non-empty points: 1000
Percent asbestos in layer: 0.08
Analytical sensitivity (%): 0.08
Asbestos type(s) detected: Chrysotile

Gravimetry Results:

Organic weight percentage: 2.76
Acid-soluble weight percentage: 16.36
Residual weight percentage: 80.88

Comment:

James Flores, Laboratory Supervisor, Hayward Laboratory

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Metals Analysis of Paints

LAAFB - 61 CELS/CELEV
Beth Jones
438 N. Aviation
Suite B272, 3rd Floor
El Segundo, CA 90245-4659

Client ID: 6896
Report Number: M100276
Date Received: 01/15/09
Date Analyzed: 01/16/09
Date Printed: 01/16/09
First Reported: 01/16/09

Job ID / Site: LS95 - BPA# F04693-03-A-0005

FA SI Job ID: 6896

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
121008.417.01-L	30338929	Pb	0.013	wt%	0.007	EPA 3050B/7420
121008.417.02-L	30338930	Pb	0.010	wt%	0.006	EPA 3050B/7420
121008.417.03-L	30338931	Pb	4.0	wt%	0.2	EPA 3050B/7420

* The Reporting Limit represents the lowest amount of analyte that the laboratory can confidently detect in the sample, and is not a regulatory level. The Units for the Reporting Limit are the same as the Units for the Final Results.

Dave Sandusky, Laboratory Supervisor, Hayward Laboratory

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ASBESTOS/LEAD SURVEY REQUEST FORM

W.O./J.O. #:

SURVEY #: 96/97

REQUESTER'S NAME AND PHONE #: Carol Glover

LOCATION : Fort MacArthur, Animal Clinic, Building 417

DATE SUBMITTED: 3/3/2009

DATE REQUIRED (At least 10 days from submission): ASAP

DESCRIPTION OF PROPOSED WORK: Demolish Building

LIST SPECIFIC AREAS THAT MAY BE DISTURBED: All building components.

ARE SITE MAPS, SKETCHES, and SOW AVAILABLE? ☐ NO
☒ YES, Please attach all building sketches and drawings
& place in CEZV mailbox)

CUSTOMER CONTACT INFORMATION (Name and Phone #):

DO NOT WRITE BELOW THIS LINE
FOR CELS/CEAE USE

PREVIOUS SAMPLES COLLECTED IN HOMOGENEOUS (Similar) AREAS? ☐ YES, SEE BELOW ☒ NO

INSPECTION DATE: 02/09/2009

INSPECTION ATTENDEES: Beth Jones

INSPECTION INFORMATION: Conducted inspection and sampling of kitchen area

SAMPLE DATA: ASBESTOS

Sample ID:	Location: (see attached)	Material:	Results: Asbestos (%)
121008.417.01	Interior	White leveling compound beneath floor sheeting	ND
121008.417.02	Exterior	Stucco Siding	0.08% Chrysotile
121008.417.03			
121008.417.04			
121008.417.05	Interior	Drywall walls and associated joint compounds	ND – all layers
121008.417.06			
121008.417.07			
121008.417.08	Interior	Light Gray floor sheeting and associated backing and mastics	ND – all layers
121008.417.09			
121008.417.10			
121008.417_AAA	Exterior - roof	Built up roofing system (felts, mastics and shingles)	Assumed Asbestos

ND denoted Non-Detect for asbestos fiber. Sample 121008.417.02 was determined to contain 0.08% Chrysotile asbestos after 1,000 point count analysis. Any material containing greater than 0.01% asbestos is considered and asbestos containing material (ACM) in the State of California.

ASBESTOS/LEAD SURVEY REQUEST FORM

SAMPLE DATA: LEAD

Sample ID:	Location:	Material:	Results: Lead (ppm)
121008.417.01-L	Exterior	Beige paint on stucco siding	130
121008.417.02-L	Interior	Beige paint on drywall walls	100
121008.417.03-L	Exterior	Beige paint on exterior and interior wood window components	40,000

Any material containing greater than 600 parts per million (ppm) is considered lead-based in the State of California.

RISK ASSESSMENT REQUIRED: ☐ YES ☒ NO

FINDINGS AND RECOMMENDATIONS:

ASBESTOS

- Asbestos was identified in the exterior stucco siding and built up roofing system. (see survey results above).
- These results are for estimation purposes only. The Contractor is responsible for verifying all data as required.
- If any suspect materials not identified above are identified during the project, work must stop until sampling can be conducted, the contractor will be responsible for conducting all required abatement activities as required per Federal, State and Local regulations.
- If asbestos-containing building materials are disturbed at any time during the project, or if removal is required to complete the project, a certified/registered asbestos abatement contractor shall be utilized to properly remove or impact asbestos-containing materials and dispose of asbestos waste properly.
- All work must comply with Environmental Engineering Asbestos Abatement and Disposal Requirements Specifications 02085.

LEAD-BASED PAINT

- Lead-based coatings were identified in the white paint associated with interior and exterior wood window components (see survey results above).
- If lead-based coatings are to be disturbed at any time during the project, or if removal is required to complete the project, a certified/registered lead abatement contractor shall be utilized to properly remove or impact lead containing materials and dispose of lead waste properly.
- All work must comply with Environmental Engineering Lead-based Paint Abatement and Disposal Requirements Specifications 02086

Should you have any questions, please contact Beth Jones at (310) 653-5496

INSPECTOR: Beth Jones

DATE: 3/3/2009